

EXTERNAL ANTENNA DEVICE FOR SHORT-WAVE RECEIVERS**ABSTRACT**

An external antenna device for receiving short-wave broadcasts is provided with an antenna circuit section consisting of a tuner in which a loop antenna element and a variable-capacity diode are high-frequency-connected to each other in parallel, and a high-frequency amplifier supplied with receive signals selected by the tuner; a first cable for connecting said antenna circuit section to a control unit; a controlled voltage forming circuit for generating a controlled voltage for said variable-capacity diode being provided in said control unit, and a power source for said antenna circuit section and said controlled voltage forming circuit; wherein a voltage from said power source and said controlled voltage are supplied to said antenna circuit section via said first cable and, at the same time, a second cable for supplying a short-wave receiver with signals resulting from the passage of the output signals of the high-frequency amplifier through said first cable and control unit is provided between said control unit and the short-wave receiver.

Figure 1